State of MaineCommunity Development Block Grant Program

2004 Downtown Revitalization Application Package





Office of Community Development 111 Sewall Street 59 State House Station Augusta, ME 04333-0059 Phone: (207) 624-7484 TTY: (207) 287-2656

www.meocd.org



Downtown Revitalization

Table of Contents

Application Timetable and Requirements	Page	3
Application Checklist	Page	4
Application Overview	Page	5
Application Instructions & Scoring Criteria	Page	7
Matching Funds Table	Page	13
Budget Summary	Page	14
Cover Sheet	Page	15
Program Designation Sheet	Page	17
National Objective Outline	Page	19
Conducting CDBG Income Surveys & Required Survey Forms	Page	20
Requirements for Slum/Blight Designation & Required Forms	Page	43

Downtown Revitalization



Application Timetable & Requirements

The timeframe for the Application Process is as follows:

Applications Due – NO LATER THAN 4:00 P.M., FRIDAY, JANUARY 16, 2004.

Late submissions will not be accepted and will be returned unopened FAXED COPIES WILL NOT BE ACCEPTED.

Project Development Phase Invitations Announced – FEBRUARY 17, 2004

Applications must be received at the:

OFFICE OF COMMUNITY DEVELOPMENT
DEPARTMENT OF ECONOMIC AND COMMUNITY DEVELOPMENT
59 STATE HOUSE STATION
111 SEWALL STREET
AUGUSTA, MAINE 04333-0059
FOR FURTHER INFORMATION: (207) 624-7484 TTY: (207) 287-2656

SUBMISSION REQUIREMENTS

ONE ORIGINAL containing the Required Responses, Signed Cover Sheet with Certifications, Program Designation Sheet, National Objective Outline, Demonstration of National Objective, Matching Funds Table with attached Letters of Commitment, Budget Summary, Public Hearing Record and Downtown Action Plan.

SIX COPIES containing only the Required Responses, Matching Funds Table with Letters of Commitment, Budget Summary, Downtown Action Plan and Public Hearing Record.

MARGIN AND TYPE SIZE for all Applications must contain margins consistent with those in this Application document and be typed using a minimum size 12 Arial font on $8 \frac{1}{2} \times 11$ -inch paper.

MAXIMUM LENGTH OF REQUIRED RESPONSE SECTION OF

<u>APPLICATION</u> Applications are limited to **ten pages** to provide the responses required in Section II (D), not counting required attachments.

NON-CONFORMING APPLICATIONS WILL NOT BE SCORED

This Application Package is available electronically at:

www.meocd.org



Downtown Revitalization Application Checklist

Use this to make sure your Application contains all required submissions!

A co	mplete <u>original</u> application consists of:
	cover sheet with original signature;
	program designation sheet;
	public hearing record including the published public hearing notice, hearing minutes and attendance list;
	matching funds table with attached letters of commitment;
	completed budget summary;
	National Objective Outline, including a completed income survey and/or a completed slum/blight declaration that demonstrate all activities meet a CDBG national objective;
	executive summary of your community's downtown Action Plan; and
	responses to the Problem Statement, Proposed Solution, Citizen Participation, and Commitment sections of the application.

Incomplete packages will not be reviewed.

SECTION I. DOWNTOWN REVITALIZATION GRANT APPLICATION OVERVIEW

A. Introduction

The Downtown Revitalization Grant Program (DR) exists to help communities implement comprehensive, innovative solutions to address needs/problems in a downtown.

B. Application Process

The application process for the DR program consists of two phases - an application phase and a project development phase.

1. Competitive Application

The application must provide a description of a community's problems to be addressed with DR funds, the solutions proposed and their relation to a downtown revitalization strategy, participation by community residents, and private and public resources committed to the project.

Reviewing and scoring of applications will begin following the application deadline of January 16, 2004. Each application will be rated on its own merit and in relation to all other DR program applications. **A minimum of 80 points** from the Problem Statement, Solution, Commitment and Citizen Participation sections will be required for an application to be considered for funding. After scoring is completed, successful communities will be invited into the Project Development Phase.

2. Project Development

An invitation into the Project Development Phase reserves funds for the project. Program funding is contingent upon the Office of Community Development's (OCD) receipt of funds from HUD and successful completion of the project development phase criteria. All aspects of the Project Development Phase must be completed prior to the execution of a contract with OCD and include:

- 1) project eligibility and verification of benefit;
- 2) environmental review;
- 3) cost analysis and justification;
- 4) management plan development; and
- 5) specific state and federal requirements.

The emphasis during the Project Development Phase is on development of the best project to meet the community's needs through a local/regional/state partnership. A Development Program Manager will be assigned to work with each community to assist in the implementation of their project. **Applicants have six months to complete the project development phase process or notice of award may be rescinded.** Project Development Phase Planning grants may be available to assist communities with the project development phase.

3. Project Implementation

Following contract execution, the community will be awarded DR funds and will begin to implement their project. The Development Program Manager will remain involved

with the community throughout the project providing technical assistance and to monitor compliance with federal and state regulations.

C. Applicant Prohibitions

Units of general local government and unorganized territories may not benefit from or apply for more than one DR per grant year. Those that benefited from a 2003 DR award may not apply for a 2004 DR grant. Units of general local government may not benefit from or apply for a 2004 Public Facilities, Public Infrastructure, Housing Assistance, Business Assistance or Public Service grant encompassing the same project applied for or funded in a DR application. Eligible units of general local government as defined above may apply for CDBG assistance on behalf of the five Maine Indian Tribes. Maine Indian Tribes are not themselves eligible applicants.

D. Public Hearing Requirements

Each applicant is required to hold a duly authorized public hearing during the Application process with a minimum of 10 pays prior notice. The hearing must be advertised in local newspapers and posted according to local requirements. **Applicants must attach a copy of the published hearing notice, attested copy of the minutes and attendance list to the original and all six copies of the Application.**

SECTION II - DOWNTOWN REVITALIZATION GRANT APPLICATION INSTRUCTIONS AND SCORING CRITERIA

Introduction

The application asks communities to provide a description of their most critical downtown revitalization problems or needs, proposed solutions for those problems, the local participation that determined these problems and solutions, and the commitment of local and/or other resources in implementing solutions. Scoring criteria for Problem Statement, Proposed Solution, Citizen Participation, and Commitment are described below.

A <u>minimum of 80 points</u> from the Problem Statement, Proposed Solution, Commitment and Citizen Participation sections will be required for an application to be considered for funding. In determining a final score, service or specialized center communities will receive three bonus points.

The maximum length of an application, excluding the cover sheet and designation sheet, National Objective submissions Budget Summary and Matching Funds Table is ten pages on 8 1/2 x 11 inch paper with a print size no smaller than that in this application package. Nonconforming applications will be returned unscored.

Eligible activities in the DR Program include all activities eligible under the Public Facilities, Public Infrastructure, Public Service, Community Enterprise, Housing Assistance, and Business Assistance programs <u>carried out in a downtown area</u> as follows:

- 1. Eligible Public Facilities, Public Infrastructure activities include infrastructure for new housing construction **and** construction, acquisition, reconstruction, installation, rehabilitation, site clearance, historic preservation, and relocation assistance **associated with** such projects as water and sewer facilities, non-housing rehabilitation, utility hook-ups, wharfs, flood and drainage improvements, parking, streets, curbs, gutters, sidewalks, fire protection facilities, community, child, senior, and health centers, libraries, salt/sand storage sheds, transfer stations, shelters for the homeless, sheltered workshops, recreational facilities, parks, removal of architectural barriers, neighborhood revitalization and public works garages in a downtown area.
- 2. Eligible Housing activities are limited to acquisition, code enforcement, conversion of non-residential structures, demolition, historic preservation, housing rehabilitation, new housing construction, relocation assistance and removal of architectural barriers directly related to assisting or creating residential housing units in a downtown area.
- 3. Eligible Public Service activities include operating, equipment and program material expenses for child care, health care, job training, recreation programs, education programs, public safety services, fair housing activities, senior citizen services, homeless services, drug abuse counseling and treatment, and energy counseling and testing in a downtown area limited exclusively to:
 - (i) persons who are members of the following groups that currently are presumed by HUD to meet benefit requirements. The presumption may be

challenged if there is substantial evidence the group served by the project is most likely not comprised of principally Low and Moderate Income persons.

Abused Children Battered Spouses Elderly Persons Severely Disabled Adults Homeless Persons Illiterate Adults

Migrant Farm Workers Persons Living with AIDS

<u>OR</u>

- (ii) participants in a program designed to limit the Public Service funded benefit exclusively to eligible Low and Moderate Income persons.
- 4. Eligible Community Enterprise activities include Micro-Grant/Loans, Micro-Enterprise Grant/Loans, Façade Grants and Downtown Manager assistance. Each Community Enterprise activity funded with Downtown Revitalization funds must meet the applicable CDBG National Objective set forth in the 2004 CDBG Program Statement in Section 2 (H) (4) (b).
- 5. Eligible Business Assistance activities include acquisition, reconstruction, rehabilitation, or installation of commercial or industrial buildings, structures and other real property fixtures and improvements. Rehabilitation of buildings is limited to improvements to the exterior of the building and the correction of code violations.

If an application contains <u>ANY</u> activity not listed above, the entire application will be judged as not meeting project eligibility criteria and will be eliminated from consideration.

A. Cover Sheet

In Section III at the back of this application is the Downtown Revitalization Grant Cover Sheet. The Cover Sheet consists of three sections:

1. Applicant Identification

Community's name, address, Chief Executive Officer (CEO), contact person, and phone numbers. The Chief Executive Officer of the applicant must sign the Cover Sheet.

2. State Certifications

List of State certifications that applicants agree to follow if they are awarded Downtown Revitalization Program funds.

3. Federal Certifications

List of Federal Certifications that applicants agree to follow if they are awarded Downtown Revitalization Program funds.

B. Program Designation Sheet

The Program Designation Sheet lists eligible activity categories. The applicant is to indicate the category or categories in which funding is proposed.

C. National Objective Sheet

The National Objective sheet explains how the applicant will meet a national objective for each activity proposed. Required attachments are an income survey summary and/or a

slum/blight declaration with support documentation. Instructions for conducting an income survey and required submission forms are contained beginning on Page 19 of this application package in the OCD Survey Methodology publication. PLEASE REFER TO PAGES 35-41 FOR REQUIRED SUBMISSION FORMS. For projects targeting a blighted area a Declaration of Slum and Blight adopted by the local legislative body, area map and supporting documentation must be submitted with the application. These requirements and submission forms are contained on Pages 43-45 of this application package. Check with OCD prior to seeking this designation. Applicants not completing the National Objective Sheet or not providing the required attachments will be eliminated from consideration.

D. Planning Requirements

The applicant must have completed a CDBG funded Quality Main Street Planning process or an equivalent downtown revitalization planning process within the past five years. Communities with plans older than 5 years will be permitted to demonstrate that their plans are under active implementation and the action plan remains valid or have conducted an update within five years to an existing plan.

The applicant must attach a copy of an executive summary of the implementation or Action Plan portion of its QMS or other downtown revitalization plan with the original and all six copies of the application. Do not submit the entire plan.

Applicants not providing a copy of their downtown Action Plan executive summary with <u>each copy</u> of the application will be eliminated from consideration.

E. Problem Statement - 30 Points

The Problem Statement describes the needs facing the community's downtown revitalization efforts that the applicant wishes to address with DR assistance. While this section should focus on problems or needs to be addressed with DR assistance, a brief description of the overall needs and problems faced by the downtown area will put these needs or problems in perspective of <u>all</u> downtown needs.

Scoring of the Problem Statement.

Scoring is divided into two categories. Following each category are topics and areas that must be addressed in the Problem Statement.

SCOPE OF PROBLEM (15 points):

- Describe the scope and magnitude of the problems to be addressed with DR funds.
- Identify the specific infrastructure, programs or resources that are lacking and describe how these needs are obstacles to successful revitalization of the downtown area.
- Describe how these problems impact Low and Moderate Income persons or contribute to slum/blight conditions.
- Describe how these problems fit with overall downtown area and community needs.
- Demonstrate how the problems to be addressed with DR funds are consistent with the community's downtown Action Plan.

IMPACT ON ECONOMIC VITALITY (15 points):

- Describe the impact of the problems and needs described above on the local economy.
- Describe how these problems and unmet needs inhibit economic vitality of the community now and into the future and persons of Low and Moderate income.

F. Proposed Solution - 30 Points

The Proposed Solution addresses the problems identified in the Problem Statement. <u>The proposed activities must relate directly to strategies in a previously adopted downtown planning process</u>.

Scoring of the Proposed Solution

Scoring is divided into three categories. Following each category are topics and areas that must be addressed in the Proposed Solution.

PROJECT DESCRIPTION (10 points):

- Describe what specific activities will be paid for with DR funds.
- Describe how these activities support economic revitalization of the downtown and support the local economy.
- Describe other activities considered for DR funding and why the proposed activities provide the best solution.
- Describe how the project will assist Low and Moderate Income persons and/or eliminate slum/blight conditions.

COMPREHENSIVE NATURE OF SOLUTION (10 points):

- Identify the other activities taking place at the same time as the DR activities and how these activities are related to one another.
- Describe how these activities combined address all the needs identified in the Problem Statement and how they contribute to implementing the community's downtown Action Plan.
- Identify why the combined activities will provide a long- term solution to the problems/needs identified.
- If DR and other activities combined do not address all aspects of the community's downtown Action Plan, identify which aspects remain to be implemented.
- Summarize the total project cost indicated on the Budget Summary page by detailing how DR funds and other funds will be spent and how this funding package is sufficient to achieve goals stated in PROJECT DESCRIPTION.

PROJECT FEASIBILITY (10 points):

- Provide an outline of tasks that are completed, tasks that remain, when each task was or will be completed, and give the start date for each activity funded by DR. (Possible tasks include but are not limited to: inspections, final designs, construction specifications, consultant and contract procurements, approvals and permits, business commitments, etc.)
- Identify those who are working to implement the solution, what they are doing, and their relationship with the community. (Potential participants include but are not limited to: local, state, regional, and federal agencies, offices and persons; consultants, businessmen, project beneficiaries, elected officials; organizations, committees, community groups, etc.)

G. Citizen Participation - 20 Points

It is important to show how local citizens, groups, boards, agencies, etc., were involved in bringing problems to the attention of the community and in developing a strategy to address problems. (Note: you must also submit a public hearing record including the published public hearing notice, hearing minutes and attendance list with the original and all six copies of the application.)

Scoring of the Citizen Participation section.

Incorporate the number of meetings, dates of meetings, comments and media involvement in your Citizen Participation narrative. At a minimum, the following topics and areas must be addressed in the Citizen Participation section.

CITIZEN PARTICIPATION (20 points):

- Describe how local citizens, downtown groups, merchants, other community groups, etc., were involved in the initial downtown process.
- Describe how comment and input through public meetings, hearings and other methods of soliciting involvement from citizens, downtown groups/merchants, other community groups, etc. helped define the community's downtown Action Plan.
- Describe the current citizen involvement in identifying the problems and evaluating the solutions to be addressed in this application.

H. Commitment/Match - 20 Points

Commitment describes the resources available to solve the problems presented. Resources include financial assistance and other material or non-material support needed to solve the problems presented. Non-material support includes expertise, special skills, talents, leadership, etc. The narrative portion of your Commitment section must show that needed funds and contributions are in place for this project. (Note: you must also submit a Matching Funds Table with attachments with the original and all six copies of the application.)

Scoring of the Commitment section

The following are topics and areas that must be included in the Commitment narrative:

COMMITMENT (20 points)

- Describe arrangements or agreements for each secured source of funds and each non-cash contribution that is committed to the DR project. Include the date or dates when contributions will be available.
- Identify a dollar value for each noncash contribution and describe how the values were determined (such as hours times hourly rate; market value of product, etc.).
- Describe other potential cash or noncash contributions and when they will be committed officially to this project.
- Document that funds, contributions, and DR assistance equal total project cost.
- If any aspects of the community's downtown action plan will remain to be implemented following the DR project, identify the expected source(s) of funds to implement each remaining action or aspect.

I. Scoring Criteria - Bonus 3 points

Downtown Revitalization project applicants who are "service or specialized center communities" as identified by the Maine State Planning Office will receive three bonus points. A list of communities is available from OCD or SPO.

The DECD urges all Downtown Revitalization Grant Program applicants to submit an application for designation under the Maine Street Maine Communities Program offered through the Maine Development Foundation. Documentation of this submission to MDF should be contained in the Commitment/Match section of the DR application as an additional source of program funding.

Community Development Block Grant Program Matching Funds Table

Potential funding sources sought: Please enter the sources of funds that you intend to apply to this project (federal and state funding, bank loans, bonds, etc.). For all sources, please indicate the status of the commitment to the project at the time of this application. The three choices are: 1.) no contact has yet been made with the potential funding source 2.) contact has been made with the funding source but a commitment has not yet been received 3.) funds are currently committed for the project. Also, for borrowed funds or funds from bond sales, please state the term, interest rate, and any applicable revenue coverage or debt service reserve amount which is likely to be required by the lender or bond underwriters.

Source	Grant/Loan	Amount	(Please check the number below that relates to each funding source status as described above)		or bond elates to each unding source tatus as described lbove)	
	1		1	2	3	

Letters of Commitment for all Matching Funds listed must be attached to this table.

Community Development Block Grant Downtown Revitalization Program

Budget Summary (Include Cash & In-Kind)

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
Cost Category	CDBG	Local	State	Utility	Non- CDBG Federal	Other	Cost Category Total
Land Acquisition							
Legal Expenses							
Appraisals							
Relocation							
Demolition							
Site Work							
Architectural							
Engineering							
Administration							
Construction							
Materials							
Equipment							
Inspection							
Other (List)							
1.							
2.							
3.							
TOTAL COSTS							

Directions for Completing Budget Summary

- 1. For each <u>applicable</u> cost (cash and in-kind) in the Cost Category column, list the projected dollar amount for all <u>applicable</u> funding sources in columns 1-6.
- 2. List the total dollar amount for each cost category in column 7, Cost Category Total
- 3. Enter the total of all Cost Category amounts in column 7 in the TOTAL COSTS box directly under column 7.
- 4. Submit a copy of this Summary with the original and all six copies of the application.

SECTION III. DOWNTOWN REVITALIZATION GRANT COVER SHEET

A. Applicant Identification	
Applicant	
Street/P.O. Box	
Town/City	
Zip Code	
Name of Chief Executive Officer	
Phone Number of Chief Executive Office	r
Contact Person	
Phone Number of Contact Person	

B. The Applicant Certifies That:

1. State Certifications

- a. To the best of my knowledge and belief, the information in this Phase I application is true and correct;
- b. the governing body of the applicant has duly endorsed the document;
- c. a local match that directly relates to the proposed activity and is the equivalent of 20 percent of the DR grant amount must be provided if the applicant is invited to proceed. Local match may consist of cash or inkind material or services to be expended during completion of the proposed project or has been expended for activities directly related to and necessary for the completion of the proposed project no more than two years prior to the submission of this DR application;
- d. the proposed project has been reviewed and it complies with the Community's comprehensive plan and/or applicable state and local land use requirements;
- e. it will work with the Office of Community Development to develop a detailed project if it receives a conditional award; and
- f. it will comply with all applicable State laws and regulations.

2. Federal Certifications

- a. it will take actions to affirmatively further fair housing and implement CDBG activities in compliance with Title VI of the Civil Rights Act of 1964 and Title VIII of the Civil Rights Act of 1968;
- b. it will not attempt to recover capital costs for the construction of public improvements, assisted in whole or in part with CDBG funds, by charging special assessments or fees against properties owned and occupied by persons of low and moderate income, including any fee, charge or assessment made as a condition of obtaining access to such public improvements, unless:

- (i) CDBG funds are used to pay the proportion of such fee or assessment that relates to the capital costs of such public improvements that are financed from revenue sources other than CDBG funds; or
- (ii) for purposes of assessing any amount against properties owned and occupied by persons of low and moderate income who are not persons of very low income, and the applicant certifies that it lacks sufficient CDBG funds to comply with the requirements of clause (i) above.
- c. prior to expenditure of CDBG funds, it will establish a local community development plan that identifies the Community's housing and community development needs, including the needs of low and moderate income, and the activities to be undertaken to meet them;
- d. it will provide in a timely manner for citizen participation, public hearings, and access to information with respect to the Maine Small Cities CDBG Program and the proposed local CDBG project/program. Indicate in public notices and at public hearings that the State program is competitive, the maximum grant amount that can be requested, and the general type of activities contained in the proposed local program. Also announce in public notices the availability of the local program plan/application, describe the Community's previous CDBG performance (if any), and how the Community will collect, consider and maintain all oral and written comments received on the proposal;
- e. it will adopt and follow a residential anti-displacement and relocation assistance plan which complies with Section 104 (d) of the Housing and Community Development Act of 1974, as amended, that at a minimum provides for the replacement of all low/moderate income dwelling units that are demolished or converted to a non-LMI housing use as a direct result of CDBG assistance, and a relocation assistance component;
- f. it will comply with the requirements of Section 319 of Public Law 101-119 regarding government-wide restrictions on lobbying; and
- g. with the exception of administrative or personnel costs, it will verify that no person who is an employee, agent, consultant, officer, or elected official or appointed official of state or local government or of any designated public agencies, or subrecipients which are receiving CDBG funding may obtain a financial interest or benefit, have an interest in or benefit from the activity, or have an interest in any contract, subcontract or agreement with respect to CDBG activities.

Signature and Title of Chief Executive Officer	Municipality	Date	

C. Program Designation Sheet

Only eligible activities listed in Section II may be requested for DR assistance. A community may request funds in more than one category, but submit only one DR application.

1. Please list the activities that w	vill be part of your DR project::
2. Into which category or catego	ries do your activities fit?
Public Facilities:	Requested amount: \$
Public Infrastructure:	Requested amount: \$
Public Service:	Requested amount: \$
Community Enterprise:	Requested amount: \$
Housing Assistance:	Requested amount: \$
Business Assistance	Requested amount: \$
General Administration:	Requested amount: \$
	*Total amount requested: \$
	(*Maximum DR assistance: \$400 000)

(*Maximum DR assistance: \$400,000)

- 3. Growth-Related Capital Investments (PL 776)
- a. CDBG financed growth-related capital investments may only be made in specific locations as per title 30-A MRSA 4349 as listed below:
- A locally designated growth area as defined in an adopted comprehensive plan consistent with the Growth Management Act.
- In the absence of a consistent comprehensive plan:

project • A census-designated place A DOT urban compact area? Is the proposed project located in one of the above areas? Yes No b. Projects not located in these four specific locations may receive funding under the following conditions. To remedy a threat to health and safety • A project related to a commercial or industrial activity that due to its nature is typically located away from other development or relies on a particular natural resource for its operation. Examples might include sawmills, farms, or aquaculture. • Industries that must be located near an airport, port, or railroad line • A tourist or cultural facility that must be at or near a particular historic, cultural or natural site. Projects in communities that received grants from SPO within the previous two years to complete comprehensive plans. • Projects in communities that requested funds from SPO prior to January 1, 2000 to complete a comprehensive plan but did not receive a grant to assist in the preparation of a plan. • Housing projects that serve persons with handicaps, foster children, homeless persons, and others as outlined in the law. A pollution control facility. • A project with no feasible location within the four areas outlined in (a) or fitting any of the exceptions in (b), if the DECD commissioner certifies to the Land and Water Resources Council that unique needs of the agency require state funds for the project. A majority of the Land and Water Resources Council's membership must vote to approve the project. Does the proposed project meet one of the above exceptions? ___ Yes ___ No Explain _____

An area served by a public sewer system with the capacity to absorb the growth-related

D. Downtown Revitalization Program - National Objective Outline

National Objective:

For each category checked on the Designation Sheet, explain how each activity of your project will meet a national objective. **Applicants not completing this National Objective Outline or not providing the required attachments will be eliminated from consideration**.

Public Facilities or Public Infrastructure Activities:
Income Survey (attach the required income survey summary – See Page 18.)
Slum/Blight Declaration (attach the required documentation, including legislative body approval, meeting minutes, map, slum/blight data, etc. – See Page 41.)
Public Service Activities: Each participant in a CDBG-funded public service activity must be either a member of a group presumed by HUD to be Low and Moderate Income or be documented as Low and Moderate Income. Please review the description in Section II.
Explain how the program will limit its benefits to Low and Moderate Income persons:
· · · · · · · · · · · · · · · · · · ·

Community Enterprise and Business Assistance Activities:

Each Community Enterprise activity funded with Downtown Revitalization funds must meet the applicable CDBG National Objective set forth in the 2004 CDBG Program Statement in Section 2 (H) (4) (b). During Phase II, Business Assistance activities must document that CDBG assistance is necessary and appropriate, does not displace other funding sources, and is reasonable given the benefits expected.

Housing Activities:

Each applicant for housing assistance must be a Low and Moderate Income person.

Applicant must verify income of each household assisted prior to approval of assistance.

SUGGESTED PROCEDURES FOR CONDUCTING A SAMPLE SURVEY TO DETERMINE WHETHER THE MAJORITY OF PERSONS IN A TARGET AREA HAVE LOW- AND MODERATE-INCOMES

INTRODUCTION

This document was prepared by Community Planning and Development's Office of Program Analysis and Evaluation to assist staff in HUD's Field Offices, in States, and in localities to develop methods to determine whether a geographic area will meet CDBG program requirements related to low- and moderate-income benefit. In this paper, we assume that State or local CDBG staff without substantial research background will use survey research techniques to take this determination, and we identify the basic techniques for conducting a sample survey that will yield acceptable levels of accuracy.

The purpose of a sample survey is to ask questions of a portion of the population in order to make estimates about the entire population. If we ask proper questions of a randomly drawn sample of adequate size, we can be reasonable sure of the degree of accuracy of our overall estimates. In the survey that is discussed here, we are seeking to determine one thing – whether at least 51 percent of the persons living in a target area have low- and moderate-incomes.

The remainder of this paper is divided in to six major sections, each of which discusses a different major step in administering the survey. In order to obtain accurate results, it is necessary to complete each step properly. You must ask the right questions of the right people and interpret their answers correctly.

While this paper is to assist people without a background in survey research in conducting a successful survey of income, we would recommend trying to locate a source of experienced guidance before proceeding. For example, if there is a local college, a professor might be persuaded to conduct the survey as part of a course. At a minimum, perhaps such an individual or someone with a social science background in a county or areawide planning office will be willing to comment and make recommendations on key parts of procedures.

STEP 1: SELECTING THE TYPE OF SURVEY

Any type of survey that fulfills the criteria discussed below can be used to determine whether an area qualifies as low- and moderate-income. The most commonly used surveys for these applications are: (a) telephone surveys; (b) door-to-door surveys; and (c) mail surveys.

<u>Telephone surveys</u> are relatively easy to conduct. An interviewer just needs to call up, identify the head of the household, or someone competent and knowledgeable enough to answer for the head of household, and proceed with the interview. However, the steps that must be taken before you reach the point of telephoning may prove difficult. In a telephone survey, you must acquire the telephone numbers of all the households in your target area and devise a method of contacting households without telephones or those with unlisted numbers. It may be preferable to sample door-to-door in small target areas, such as a neighborhood or small town, where it may be difficult to find a list of telephone numbers that identifies everyone in the area while excluding everyone outside the area.

<u>Door-to-door surveys</u> involve a little more work – the interviewers must actually go outside, knock on doors, and do the "leg work" necessary to obtain interviews. However, in small areas this type of survey may be the easiest because you can define the target area by its geographic boundaries and develop procedures for sampling within those boundaries so that no list of households in the area is needed beforehand.

Mail surveys may be the easiest of all. You need a list of all the addresses in the target area, a questionnaire, and postage. However, mail surveys usually yield a very low rate of response, which means a low degree of accuracy. Also, provisions must be made to provide non-English-speaking residents with a questionnaire in their own language. Thus, for estimating low- and moderate-income benefit, we do not recommend this type of procedure, unless you include in your mailing a stamped self-addressed return envelope and count on doing at least one follow-up letter or telephone call to encourage everyone to respond.

Of course, it is possible, and sometimes quite useful to combine these types of survey. For example, if in a door-to-door survey you find that someone is not home, you can leave a note for him or her to telephone the interviewer. Or you can use the telephone to schedule a time when an interviewer will call at the door to conduct an interview. Similarly, you can mail a letter to residents of the target area to let them know in advance when an interviewer will call or visit.

STEP 2: DEVELOPING A QUESTIONNAIRE

It is important that all of the individuals interviewed are asked exactly the same questions and that their responses are recorded correctly. To ensure this, you need a written questionnaire, and you need to have your interviewers write down on each questionnaire the exact responses of each respondent. Each question should be clear, written in simple language, and convey only one meaning. It is usually best to test a draft questionnaire on a few people to ensure that they understand the questions as you thing you are writing them.

The central question of this survey is whether the household being interviewed has an income that is below the low- and moderate-income level for households of the same size. We recommend in door-to-door interviewing that the interviewers carry with them a set of cards, one card each for the household sizes to be considered. On each card should be written the figure for the low- and moderate-income level for a household of that size. For example:

TABLE A Illustration of Income Cards

		LOW/IVIOU
Card Number	Persons in Household	Income Level
1	1	\$19,800
2	2	\$22,650
3	3	\$25,450
4	4	\$28,300
5	5	\$30,050
6	6	\$31,850
7	7	\$33,600
8	8	\$35,400

Low/Mod

In proceeding, the interviewer first should make contact with someone who is qualified to speak for the household. After making contact with the head of the household, the spouse of the head of household, or someone in the household who is mature and knowledgeable about household income, the interviewer should introduce him/herself, identify the purpose of the study, and solicit the participation of the respondent.

An adequate questionnaire must be able to provide answers to at least the following two questions:

- 1. How many people live in your home? (Record number.)
- 2. (If the interview is being conducted in person, the interviewer then finds the card for the household size of the respondent, and hands it to the respondent, and asks) Would you tell me whether, during the past twelve months, the total income of all members of your household has been above or below the figure noted on this card? (Record Above or Below.) (Note that the interviewer should be prepared to provide a consistent answer to the question, "What should I include as income?")

If the interview is being conducted by telephone, a card obviously cannot be used, and the interviewer should make reference to the income level that is the threshold for a household of the size of the respondent's. For example, if there are three persons in the respondent's household you might ask, "during the past 12 months, was the total income of your household less than or more than \$25,450?"

While the necessary questions are brief and simple, there are some additional factors to take into account when designing this questionnaire. First, the questions used in the survey cannot be "loaded" or biased. In this particular case, the interviewer may not imply that the neighborhood will benefit or receive Federal funding if respondents say that they have low incomes. The questions must be designed to determine truthfully and accurately whether respondents have low- and moderate-incomes. It is permissible to note the reason for the survey is to gather information essential to support an application for funding under the State CDBG program or to undertake a CDBG-funded activity in the area.

Second, you should bear in mind that the questions about income are rather personal. Many people are suspicious or reluctant to answer questions about their incomes – especially if they do not see the reason for the question. A good way to handle this problem is usually to put questions about income at the end of a somewhat longer questionnaire; a local agency can use this questionnaire to gather some information on what the neighborhood sees as important needs or to gather feedback on some policy or project. At the end of such a questionnaire, it usually is possible to ask questions on income more discreetly. If this option is chosen, however, the interviewer should be cautioned that an excessively lengthy questionnaire might cause respondents to lose interest before it is over. The ideal length here would probably be less than ten minutes, although certainly you could develop an even longer questionnaire if it were necessary.

Of course, it is possible to ask only critical questions on income. You should know best how people in your community would respond to such questions. With a proper introduction that identifies the need for the information, you can generate an adequate level of response with just a two-question questionnaire on income level.

STEP 3: SELECTING THE SAMPLE

In selecting the sample of households to interview so that you can estimate the proportion of all individuals who have low- and moderate-incomes, there is a series of steps that must be taken. First, you must define the group whose characteristics you are trying to estimate. Then you must determine how many households in that group must be sampled in order to estimate the overall characteristics accurately. Next you must make some allowances for households whom, for whatever reason, you will not be able to interview. And finally you must actually select the households where you will try to obtain interviews. This section discusses each of these steps.

Defining the Universe. In sampling, the large group whose characteristics you seek to estimate from a sample is known as the universe. If you are trying to determine the proportion of households in a neighborhood with low- and moderate-incomes, that neighborhood is the universe. Instead of a neighborhood, the universe may be a town, it may be as large as a county, or it may be defined some other way. (For purposes of the CDBG program, your universe will be the area that is to be served by a CDBG-funded project.) But before you can draw a sample, you must clearly define what area you want the sample to represent. Let us assume here that the universe is a neighborhood that contains about 400 homes. You will sample from the 400 households residing here so that you may make estimates about the incomes of all the residents of these households.

When you have defined your universe, you next need a method of identifying the individual members of that area so that you can sample them. Ideally, for a given neighborhood, you would have a list of people living in the neighborhood and perhaps their telephone numbers. Then you would devise a procedure to select randomly the persons you wanted to interview. In reality, you will not have such a list available and you probably will not even have a list of all the households in the neighborhood, so you will have to improvise a little. One way would be to go to the neighborhood and randomly select which homes to go for an interview – the advantage of this method is that the houses are there, so you can go right to them instead of using a list. After collecting information on the various households, you then can make some estimates about the people in the neighborhood and their incomes.

For larger area where travel costs are higher, it may not be practical to go door-to-door and a list of some sort may be absolutely necessary City indexes, if available and up-to-date, usually provide the best source of household information suitable for sampling. Telephone books may be adequate, but keep in mind that you will miss people without telephones or with unlisted numbers. Also, telephone directories usually will have far more people listed than those who are in your defined universe, so you will need to work to eliminate those outside of your target area. Tax rolls are a source identifying addresses in an area, but keep in mind that they identify property owners, whereas your are interested in residents. Also, tax rolls generally identify building addresses, whereas in the case of apartment buildings you are interested in the individual apartments. You can use tax rolls to identify addresses to go to in order to get an interview, but you cannot use them as a basis of a mail or telephone survey (unless you have access to a telephone directory that identifies telephone numbers by property address.)

How big a sample? After you have defined your universe and identified a method of identifying individual households in the universe, you must next determine how many

households to select. Assuming that you develop procedures whereby every household in your target area has an equal chance of being included in your sample, you can use Table B below to determine how many households you need to interview to develop a survey acceptable accuracy.

The first column of Table B presents size of neighborhoods you may be interested in. The second column shows about how many households you need to interview from a neighborhood of the size indicated in the first column. This paper uses the hypothetical 400 household neighborhood to illustrate the use of this table. Looking down the column that says "Number of households in the Universe," you find 400 is covered by the "399-650" line. Reading across this line, you see that the sample size required to generate an acceptable level of accuracy is about 250. (See the attached Appendix B for a discussion of how these sample sizes were determined.)

TABLE B REQUIRED SAMPLE SIZED FOR UNIVERSES OF VARIOUS SIZES

Number of Households in the <u>Universe</u>	Sample Size
1 – 55	50
56 – 63	55
64 – 70	60
71 – 77	65
78 – 87	70
88 – 99	80
100 – 115	90
116 – 138	100
139 – 153	110
154 – 180	125
181 – 238	160
239 – 308	175
309 – 398	200
399 – 650	250
651 – 1,200	300
1,201 - 2,700	350
2,701 or more	400

<u>Unreachables and Other Non-Response.</u> It is important to realize that <u>the sample sizes</u> <u>suggested in Table B indicate the number of interviews that you need to complete, and not necessarily the size of the sample you need to draw.</u> There is almost always a difference. No matter what you do, some households just will not be home during the time you are interviewing, some probably will refuse to be interviewed, some will terminate the interview before you finish, and some will complete the interview, but fail to provide an answer to the key question on income level. In order to be considered an adequate response, the interview must be conducted, and you must obtain complete and accurate information on the respondent's income level. Table C suggests some of the usual rates of response to be expected by a variety of surveys.

TABLE C Expected Response Rates for Different Types of Surveys

	Expected
Survey Type	Rate of Response
Mail	25-50%
Mail, with letter follow-up	50-60%
Mail, with telephone follow-up	50-80%
Telephone	75-90%
Door-to-door	75-90%

According to Table C, if you were doing a door-to-door sample to obtain 250 interviews in the 400 household neighborhood, you should anticipate that you would need to actually try to interview between 278 and 333 households (250 divided by .75 or .9). Thus, if you were drawing a list from whom to seek interviews, one way to deal with non-response is to oversample – list about 300 households and assume you will interview 250. In door-to-door surveys, it usually is possible to replace unreachables, by trying to obtain an interview next door to the household actually sampled.

<u>Drawing Samples</u>. In sampling you are looking at a portion of everyone in a group and making inferences about the whole group from the portion you are looking at. For those inferences to be most accurate, <u>everyone who is in the group should have an equal chance of being included in the sample.</u> For example, if you are sampling from a list, using a random numbers table (one is included as Appendix A) will provide you with a highly random sample. In using a random numbers table, you take a list of your universe and draw from it according to the table. If, for example, the first three random numbers were 087, 384, and 102, then you would go through your universe list and take the 87th, 384th, and 102nd households to try to interview. Continue until you have achieved the desired sample size.

As indicated above, when sampling from a list, you should oversample. Then, if you encounter unreachables, you should replace them with households in the oversample list <u>in the order they were selected</u>. For example, if you drew a list of 300 households in an effort to obtain 250 interviews, the first household you write off, as "unreachable" should be replaced by the 251st household sampled.

Achieving a purely random sample can be costly, so sometimes it is acceptable to take some shortcuts. If you do not have a list of all the households in a target area or group you are trying to measure, but you know the geographic boundaries of the target area, you might randomly select a point at which to start and proceed systematically form there. In the hypothetical 400 household neighborhood, for example, in trying for 250 interviews, you would need to interview every 1.6th household (400 divided by 250) to ensure that you would cover the entire neighborhood. In whole numbers, this works out to about 2 of every 3 households. Therefore, you could start at one end of the neighborhood and proceed systematically through the entire neighborhood trying two doors and skipping one. Any households that were selected by this procedure at which an interview was not possible could be replace by the next household you would have skipped. If the sample size called for you to sample one of every six households, you could draw a random number from one to six and

start at that household and every sixth household after it, and replace unreachables with every third household in the six household groups.

You will achieve more accurate estimates if you are not too quick to write off a household as unreachable. You are most certain of randomness if you obtain interviews from the households you selected first. Thus, if you are doing a door-to-door survey, you probably should make two or more passes through the area (possible at different times) to try to catch a family at home. Frequently they will be busy, but will say that they can do the interview later – you should make an appointment and return. Only after at least two tries or an outright refusal should a sampled household be replaced. With a telephone survey, at least three or four calls should be made before replacing a household.

STEP 4: CONDUCTING THE SURVEY

To carry out the survey, you have to reproduce sufficient questionnaires, recruit and train interviewers, schedule the interviewing, and develop procedures for editing, tabulating, and analyzing the results.

<u>Publicity.</u> To promote citizen participation in your effort it may prove worthwhile to arrange some advance notice. A notice in a local newspaper or announcements at churches or civic organizations can let people living in your target area know that you will be conducting a survey to determine area income levels. If you let people know in advance how, when, and why you will conduct them, usually they are most willing to cooperate.

As with all aspects of the survey and questionnaire, any publicity must be worded so that it does not bias the results. For example, it is fine to say that the community is applying for a State CDBG grant and that, as part of the application, the community has to provide HUD and the State with current estimates of the incomes of the residents of the target neighborhood. It is not appropriate to say that, in order for the community to receive the desired funding, a survey must be conducted to show that most of the residents of the target area have low- and moderate-incomes.

Interviewers. Anyone who is willing to follow the established procedures can serve as an interviewer. It usually is not necessary to go to great expense to hire professional interviewers. Volunteers from local community groups will serve well. Also, schools, or colleges in doing courses on civics, public policy or survey research frequently may be persuaded may be persuaded to assist in the effort as a means of providing students with practical experience and credit.

Generally, it is best if interviewers are chosen to make the respondents feel most at home. For this reason, survey research companies often employ mature women as their interviewers. When interviewers are of the same race and social class as the responded, the survey usually generates a better response rate and more accurate results. What is most important, though, is that the interviewer will command the attention of the respondent, ask the questions as they are written, follow respondent selection procedures, and write down the responses as given.

<u>Contact and Follow-up.</u> Interviewers should attempt to contact respondents at a time when they are most likely to get a high rate of response from most types of people.

Telephone interviews usually are conducted early in the evening, when most people or home. Door-to-door interviews also may be conducted early in the evening (especially before dark) or on weekends. You should try again at a different time to reach anyone in the initial sample who is missed by this initial effort.

In general, you should know best the residents of your community and when they can be reached. What you should avoid is selecting a time or method that will yield biased results. For example, interviewing only during the day from Monday to Friday probably will miss families where both the husband and wife work. Since these families may have higher incomes than families with only one employed member, your timing may lead to the biased result of finding an excessively high proportion of low- and moderate-income households.

Of course, in making contact with a member of the household, the interviewer first has to determine that the person being interviewed is knowledgeable and competent to answer the questions being asked. The interviewer thus should ask to speak to the head of the household or the spouse of the head of the household. If it is absolutely necessary to obtain an interview at the residence sampled, the interviewer may conduct an interview with other resident adults or children of at least high school age only after determining that they are mature and competent to provide accurate information.

As pare of your questionnaire, or at least as part of your training of interviewers, you should develop an introduction to the actual interview. This should be a standard introduction in which the interviewers introduce themselves, identify the purpose of the survey, and request the participation of the respondent. Usually it is also a good idea to not the expected duration of the interview – in this case to let respondents know that the burden to them will be minimal.

You also should emphasize to respondents that their answers will be kept <u>confidential</u> – people are more likely to give you honest answers if they will remain anonymous. You should do your very best to maintain this confidentiality. Usually, the respondent's name, address, and telephone number appear only on a cover sheet. After you complete the survey, you can throw away the cover sheet or at least separate it from the actual interview. If you number both the cover sheets and the questionnaires, you can then match them up if absolutely necessary. What is important is that people will not just be able to pick up a questionnaire and see what the Jones family income is.

Interviewers also should follow the set procedures for replacing "unreachables" (as discussed above in Step 3). If they must write off an interview, they should not say, "Well, I was refused an interview here, so I'll go over there when I think I can get an interview." This replacement procedure is not random and will hurt the accuracy of your survey results.

The Interview. Interviewers should read the questions exactly as they are written. If the respondent does not understand the question or gives an unresponsive answer, it usually is best to have the interviewer just repeat the question. Questions should be read in the order in which they are written. The respondent's answers should be recorded neatly and accurately immediately as they are provided. At the end of the interview, and before proceeding to the next interview, the interview should <u>always</u> do a quick edit of the questionnaire to be sure that they have completed every answer correctly. This simple check

helps to avoid the frustrating mistake of having gone to the time and expense of conducting the interview, but without getting the information you sought.

For the survey here being discussed on low- and moderate-income benefit, note that there may be an important exception to reading the questions in the exact order every time. If you elect to include other questions, and if you place the questions on income at the end, it is possible that a willing respondent will end the interview before you get to the critical question. If it appears to the interviewer that the respondent is about to terminate the interview, it is recommended that he or she immediately try to get an answer to the critical income question.

Editing. Interviewers should turn their completed surveys in to the person who will tabulate and analyze them. That person should review each survey to ensure that it is complete and that each question is answered once and only once in a way that is clear and unambiguous. Question or errors that are found should be referred to the interviewer for clarification. It also may be desirable to call back the respondent, if necessary, to clarify incomplete or ambiguous responses. Note that editing is an ongoing process. Even after you have started to tabulate or analyze the data, you may come across errors, which you need to correct.

STEP 5: DETERMINING THE RESULTS

After you have your data collected and edited, you just need to add up the numbers to see what you have learned. Actually, it is useful to think of this in two parts: (1) tabulating up the responses from the questionnaires and calculating an estimated proportion of low- and moderate-income persons; and (2) determining how accurate that estimate is. The first of these parts can be taken care of by completing the LOW- AND MODERATE-INCOME WORKSHEET, which appears below.

<u>Tabulation.</u> For ease of processing, it may be desirable to enter the responses on to a computer, if one is available. Personal computer packages such as dBase, Lotus 1-2-3, and SPSS-PC all are easy to use in tabulating this type of data. Computers also make it relatively easy to check for accuracy and consistency in the data. However, you can perform the calculations by hand or with a calculator. And you can process the data by putting it on a codesheet, by entering it on a manual spreadsheet, or just by flipping through the completed surveys. Regardless of how you process and tabulate the data, when you are finished you must be able to complete Part A of the LOW- AND MODERATE-INCOME WORKSHEET.

LOW- AND MODERATE-INCOME WORKSHEET

PART A. INFORMATION CONTAINED IN YOUR SURVEY

1.	Enter the estimated total number of households in the target area.	1	650
2.	Enter the total number of households interviewed.	2	250
3.	Enter the total number of low- and moderate-income households interviewed.	3	130
4.	Enter the total number of persons living in the low- and moderate- income households interviewed.	4	450
5.	Enter the total number of households interviewed in which the income was above the low- and moderate-income level.	5	120
6.	Enter the total number of persons living in the households in which the income was above the low- and moderate-income level.	6	400
PART	B. CALCULATIONS BASED ON DATA CONTAINED IN YOUR SURVEY	>	
7.	Divide Line 4 by Line 3. (This is the average size of the low-mod household you interviewed.)	7	3.46
8.	Divide Line 6 by Line 5. This is the average size of non low-mod household you interviewed.)	8	3.33
9.	Divide Line 3 by Line 2. (This is the proportion of households interviewed that have low- and moderate-incomes.)	9	52%
10.	Divide Line 5 by Line 2. (This is the proportion of households interviewed that do not have low- and moderate-incomes)	10	48%
11.	Multiply Line 1 by Line 9. (This is the estimate of the total number of low-mod households in your target area)	11	333
12.	Multiply Line 1 by Line 10. (This is the estimate of the total number of number non-low-mod households in your target area)	12	312
13.	Multiply Line 7 by Line 11. (This is the estimate of the total of low-mod persons in your target area)	13	1,169
14.	Multiply Line 8 by Line 12. (This is the estimate of the total number of non-low-mod persons in your target area)	14	1,039
15.	Add Line 13 and Line 14. (This is the estimate of the total number of persons in your target area)	15	2,208
16.	Divide Line 13 by Line 15 and multiply the resulting decimal by 100 (This is the estimated percentage of persons in your target area that has low- and moderate-incomes)	16.	<u>52.94%</u>

PART C. Instructions and Explanations

- 1. The number that goes on Line 1 is something you needed to know before drawing your sample. In the course of your survey, you may have refined your original estimate. On Line 1, you should enter your current best estimate of the total number of households in the area.
- 2. For the number of households interviewed, you actually want the total number of interviews with complete and, as far as you can tell accurate information on the income and size of household questions.
- 3. When you are completing Part A be sure that the answers are logical. For example, the number of Line 4 cannot be smaller than the number on Line 3 (because every household must have at least one person). Similarly, the number on Line 6 cannot be less than the number on Line 5. Also note that the number on Line 3 plus the number on Line 5 should equal the number on Line 2 every household is either low- and moderate-income or it is not.
- 4. Some examples for Part B. For purposes of illustration, assume that you estimated that the target area contained 650 households (Line 1). Assume that you interviewed 250 households (Line 2), of whom 130 had low- and moderate-incomes (Line 3). These low-and moderate-income households contained 450 persons (Line 4). The 120 households with incomes above the low- and moderate-income level (Line 5) contained 400 persons (Line 6). You would complete Part B as follows:
- Line 7. If the households you interviewed contained 450 low-mod persons in 130 households, the number on Line 7 would be about 3.46 (450/130).
- Line 8. If the households you interviewed contained 400 non-low-mod persons in 120 households, the number on Line 8 would be about 3.33 (400/120).
- Line 9. If you interviewed a total of 250 households, 130 of which had low- and moderate-incomes, the number on Line 9 would be about .52 (130/250).
- Line 10. If 120 of the 250 households you interviewed did not have low- and moderate-incomes, the number on Line 10 would be about .48 (120/250).
- Line 11. If your target area contained an estimated 650 households, and you interviewed 250, of which 130 had low- and moderate-incomes, the number on Line 11 would be about 333 (650 X .52).
- Line 12. Continuing with the example, Line 12 would be about 312 (650 X .48).
- Line 13. 3.46 persons per low-mod household times 338 low-mod households Line 13 would be about 1,169.
- Line 14. 3.33 persons per non-low-mod households time 312 non-low-mod households Line 14 would be about 1,039
- Line 15. Total low-mod persons (1,169) plus total non-low-mod persons (1,039) would be about 2,208 estimated total persons.
- Line 16. 1,169 low-mod persons divided by 2,208 total persons yields about .5294. Multiplied by 100, this gives an estimate that about 52.94 percent of the residents have low- and moderate-incomes.

Analysis. The estimate you reach for the proportion of residents who have low-and moderate-incomes will be just that – an estimate. If you have done everything right, including random selection of the required number of households, the estimate should be reasonable accurate. If, using the procedures specified here you come up with an estimate of 55 percent or more of the residents of the target area having low- and moderate-incomes, you can be pretty sure that at least 51 percent of the residents actually have low- and moderate-incomes. You can skip over this section, and go down to STEP 6. On the other hand, if your estimate is that less than 51 percent of the people in the area have low- and moderate-incomes, the presumption is that the area is ineligible as a target area. This section, and if fact, the remainder of this paper, probably will not be of much use to you either.

This section is intended for use by those whose survey results indicate that somewhere between 51 and 54 percent of the residents of the target area have low- and moderate-incomes. If your estimates were in the 51-54 percent range, it is probable that a majority of all neighborhood residents have low- and moderate-incomes, but there is less certainty than if you came up with a higher proportion. The closer you estimate is to 51 percent, the less certain you become that the area is low- and moderate-income.

There are a couple of additional analyses you can make to help determine the extent to which your estimate of the proportion of low- and moderate-income residents is correct. First, compare the average size of low- and moderate-income households in your sample with the average size of above low- and moderate-income households. The closer these figures are to each other, the more confident you can be in your estimate. Thus, if you estimate that 53 percent of the residents have low- and moderate-incomes and you found in your sample that both low- and moderate-income families and above low- and moderate-income families had an average of 3.4 people, you can be pretty sure that it is a low- and moderate-income area.

A second simple calculation is to arrange your data into a table such as that outline below as Table D. This table enables you to compare the distribution of family sizes with low- and moderate-incomes with those that are above low- and moderate-income.

In completing Table D, you would count the number of low- and moderate-income families in your survey that had just one person in the household. You would enter this figure under "number" across from "one." You would proceed to enter the number of low- and moderate-income families with two persons, with three persons, and so forth through the "nine or more" category. Adding up all the entries in this column, you enter the sum across from "total," which will be the total number of low- and moderate-income families from which you obtained interviews. Then, considering families that are above low- and moderate-income, you follow the same procedures to complete the "number" column for them. For each income group, dividing the number of one person families by the total number of families in that income group and multiply it by 100, yields the percent of that group that are in one-person households. You should fill in the "percent" columns, using this procedure. Each of the percent columns should total to 100 or so allowing for rounding errors.

TABLE D TABLE FOR COMPARING THE DISTRIBUTION OF FAMILY SIZE BY FAMILY INCOME

	Families		Families		
	With Low-	- and	Above Lo	w- and	
Number or Persons	<u>Moderate</u>	-Incomes	<u>Moderate</u>	-Incomes	
In the Family	Number	Percent	Number	Percent	
One	·				
Two					
Three					
Four					
Five					
Six					
Seven					
Eight					
Nine or more					
Totals		100%		100%	

When you have filled Table D with your data, compare the percentages of the low- and moderate-income respondents with the percentages of the above low- and moderate-income respondents for each family size. The closer the distribution, the greater the degree of confidence you can have in your estimate of the proportion of persons with low- and moderate-incomes. For example, if among your low- and moderate-income group, 10 percent have one person, 40 percent have two persons, and 50 percent have three persons, and among your above low- and moderate-income group 12 percent have one person, 41 percent have two persons, and 47 percent have three persons, you would have a great deal of confidence in your estimate.

Consider a best-case scenario where you estimate that 51 percent of the residents have low-and moderate-incomes. You examine the distribution of household sizes according to Table D and find that in your sample 100 percent of your low- and moderate-income group had just one person and 100 percent of your above low- and moderate-income group had nine or more persons (Yes, this would be a strange neighborhood). This distribution would make it probable that your sample was badly distributed in favor of large above-lower income families and that without the sample error the actual distribution in the target area is that more then 51 percent of the residents have low- and moderate-incomes.

Third, after completing data collection, non-respondents should be briefly analyzed to determine that they were reasonable random. For example, you may want to tabulate the rate of response by street or block in the target area to see whether there are notable gaps in the coverage of your survey. You may want to examine the racial or ethnic background of your respondents and compare them with what you supposed the distribution to be. If you do not detect any major gaps in the coverage of your sample or any probable patterns in the characteristics of your non-respondents, you can be more certain of the accuracy of your estimates.

STEP 6: DOCUMENTING YOUR EFFORT

The results of your survey will indicate to you with a high degree of accuracy whether your target area is predominantly low- and moderate-income. People who may be auditing or evaluating the program may want to review the procedures and data you used to determine that your target area

qualifies under the CDBG program regulations. You should therefore maintain careful documentation of the survey. The contents of that documentation are discussed here.

1. Keep the competed surveys. This will show that you actually did the survey and that you asked the proper questions.

It is best if each survey has a cover sheet that contains the information that identifies the respondent, such as name, address, and telephone number. Then, when the survey is complete, the cover sheet can be separated from the questionnaires. You can save the questionnaires as documentation of your work, but you maintain the privacy of your respondents.

If you save the cover sheets and save them separately, this provides you with a record of who was contacted. If anyone wanted subsequently to verify that you had not made up that data, they could contact some of the respondents noted on the cover sheet and ask them whether, in fact, they had been contacted on such-and-such a date by such-and-such a person to discuss matters related to community development. The privacy of their original responses still is protected by this procedure.

- 2. Keep a list of the universe of households you sampled from and a list of the actual households sampled. This might be one list with the sampled households being checked once they were sampled, and checked twice if they were interviewed. Replacement households should be noted too. There should be some written documentation about the method you used to select households from the list for interviewing. Note that this is a little different from keeping just the cover sheets, since it documents not just who was interviewed, but also who was not interviewed and how interviewees were selected.
 - If you did a door-to-door sample without starting from a universe list, you should have written down the procedures you used to select the sample, including the instructions to interviewers for replacing sampled households who were interviewed.
- 3. To the extent possible, you should retain your data. If you put the data onto a computer, keep a floppy disk with the data and programs you used to tabulate the results. If you do your tabulations from spreadsheets, retain the spreadsheets. If you just leaf through the questionnaires and count up the responses and enter then into a table as your go, keep the tables with the raw data counts.

OVERVIEW OF STEPS IN A SAMPLE SURVEY

Step 1: Selecting the Type of Survey

a. Decide whether it is best to conduct a telephone, door-to-door, or other types of survey. Be sure to consider your available manpower, the size of the sample you need, and the means you have available for identifying households to interview.

Step 2: Developing a Questionnaire

a. Write your questionnaire. Remember to keep the language as simple as possible. Avoid bias – do not encourage particular answers. Include other questions, if you like, but make sure the survey does not take too long.

b. Develop a standard introduction for your interviewers to use in approaching the respondents.

Step 3: Selecting the Sample

- a. Define your universe. What is the area or population for which you are trying to estimate the portion of persons who have low- and moderate-incomes.
- b. Identify a procedure for identifying individual households in the target area. Obtain a <u>complete</u> list of residents, addresses, telephone numbers, or identify a procedure for selection from all of the homes in the area.
- c. Determine the number of interviews you need to achieve an acceptable level of accuracy.
- d. Select your sample (or sample selection procedure). Make sure you can add households to replace refusals. Make sure that the entire universe is covered that is, that you have not excluded certain areas or groups of people.

Step 4: Conducting the Survey

- a. Select and train your interviewers. Make sure they are very comfortable with the questionnaire. Make sure they know the importance of randomness and how to select and replace individual households.
- b. Make contact with the sample. Write or phone and let them know you are coming. Or just knock on doors, if this is the procedure you select.
- c. Try again (and again) where contact has not resulted in an interview.
- d. Replace household you have written off as "unreachable."

Step 5: Determining the Results

a. Complete the Low- and Moderate-Income Worksheet. What is your estimated percent lowand moderate-income residents? If you results are between 51 and 60 percent, do your data give you any reason to think that this is an over-estimation?

Step 6: Documenting Your Effort

- a. Save the completed questionnaires preferably in a form that does not identify the respondents.
- b. Save a list of the respondents preferably in a form that does not identify their responses.
- c. Save a list of your sampling procedures this includes your universe list, your original sample, you replacements, your sampling method, and your replacement method.
- d. Save your data.

APPENDIX A REQUIRED SURVEY SUBMISSIONS

- 1. Survey Methodology and Certification Form with Required Signatures
- 2. Low and Moderate-Income Worksheet
- 3. **Beneficiary Profile** (for Public Facilities and Public Infrastructure)

Communities implementing Public Facilities and Public Infrastructure programs must record demographic information for all households contained in a target area or entire community depending upon the area served by the CDBG activity. This information must be recorded on the **Beneficiary Profile** and be submitted with the survey materials required at the CDBG application submission. The demographic information is garnered from local survey forms or, for HUD listed 51% LMI communities, from U.S. Census Data. You may access this data for your community online at http://www.census.gov/prod/cen2000/dp1/2kh23.pdf

STATE OF MAINE COMMUNITY DEVELOPMENT BLOCK GRANT

Survey Methodology and Certification Form (Attach a map for all target area surveys)

Community:		Date:		
Type of Survey: □ Single Community		□ Multi-Community	□ Target Area	
Description of Sur	vey Area:			
		surveys list the original per Census and HUD.	centage of low-to-modera	te-
Survey Method:	□ Door to Door □ 1	Γelephone □ Mail	□ Other	
If other, explain: _				
Universe Size:	(Househo	olds) Sample Size: _	(Househ	olds
Date Survey Cond	lucted: From MONTH/DA	toto	E/YEAR	
Survey conducted	by:			_
Relationship to Co	ommunity:			_
	the survey was conduct lle, publicity, data collec		nethodology for selection with non-respondents arecess.	

Attach Additional Sheets as Necessary	
Certifications	
to the best of our knowledge and belief, and Community Development, the Unite	ormation contained in this survey is true and complete and that the State of Maine, Department of Economic of States Department of Housing and Community eby authorized to verify the information contained
Signature of Independent Verifier Must be a CDBG Certified Administrator from Maine State Planning Office	om a Regional Planning Commission or Statistician for the
Date:	
Authorized Signature	Printed Name and Title
Adoption by Local Board or Council	
DATE ADOPTED:	Municipal Seal
AUTHORIZED SIGNATURES	
Name	Date

LOW- AND MODERATE-INCOME WORKSHEET

PART A. INFORMATION CONTAINED IN YOUR SURVEY

1.	Enter the estimated total number of households in the target area.		
2.	Enter the total number of households interviewed.		
3.	Enter intervi	the total number of low- and moderate-income households ewed.	3
4.	Enter the total number of persons living in the low- and moderate-income households interviewed.		
5.	Enter the total number of households interviewed in which the income was above the low- and moderate-income level.		
6.		the total number of persons living in the households in which come was above the low- and moderate-income level.	6
PART	В.	CALCULATIONS BASED ON DATA CONTAINED IN YOUR	SURVEY
7.		Line 4 by Line 3. (This is the average size of the low-mod hold you interviewed.)	7
8.		Line 6 by Line 5. (This is the average size of non low-mod hold you interviewed.)	8
9.		Line 3 by Line 2. (This is the proportion of households ewed that have low- and moderate-incomes.)	9
10.		Line 5 by Line 2. (This is the proportion of households ewed that do not have low- and moderate-incomes)	10
11.		ly Line 1 by Line 9. (This is the estimate of the total number mod households in your target area)	11
12.	Multip	ly Line 1 by Line 10. (This is the estimate of the total	12
13.	Multip	er of non-low-mod households in your target area) ly Line 7 by Line 11. (This is the estimate of the total	13
14.		er of low-mod persons in your target area) ly Line 8 by Line 12. (This is the estimate of the total	14
14.		er of non-low-mod persons in your target area)	14
15.		ine 13 and Line 14. (This is the estimate of the total er of persons in your target area)	15
16.	Divide by 100	Line 13 by Line 15 and multiply the resulting decimal Output Discrete that has low- and moderate-incomes.	16

PART C. Instructions and Explanations

- 1. The number that goes on Line 1 is something you needed to know before drawing your sample. In the course of your survey, you may have refined your original estimate. On Line 1, you should enter your current best estimate of the total number of households in the area.
- For the number of households interviewed, you actually want the total number of interviews
 with complete and, as far as you can tell accurate information on the income and size of
 household questions.
- 3. When you are completing Part A be sure that the answers are logical. For example, the number of Line 4 cannot be smaller than the number on Line 3 (because every household must have at least one person). Similarly, the number on Line 6 cannot be less than the number on Line 5. Also note that the number on Line 3 plus the number on Line 5 should equal the number on Line 2 every household is either low- and moderate-income or it is not.
- 4. Some examples for Part B. For purposes of illustration, assume that you estimated that the target area contained 650 households (Line 1). Assume that you interviewed 250 households (Line 2), of whom 130 had low- and moderate-incomes (Line 3). These low-and moderate-income households contained 450 persons (Line 4). The 120 households with incomes above the low- and moderate-income level (Line 5) contained 400 persons (Line 6). You would complete Part B as follows:
- Line 7. If the households you interviewed contained 450 low-mod persons in 130 households, the number on Line 7 would be about 3.46 (450/130).
- Line 8. If the households you interviewed contained 400 non-low-mod persons in 120 households, the number on Line 8 would be about 3.33 (400/120).
- Line 9. If you interviewed a total of 250 households, 130 of which had low- and moderate-incomes, the number on Line 9 would be about .52 (130/250).
- Line 10. If 120 of the 250 households you interviewed did not have low- and moderate-incomes, the number on Line 10 would be about .48 (120/250).
- Line 11. If your target area contained an estimated 650 households, and you interviewed 250, of which 130 had low- and moderate-incomes, the number on Line 11 would be about 333 (650 X .52).
- Line 12. Continuing with the example, Line 12 would be about 312 (650 X .48).
- Line 13. 3.46 persons per low-mod household times 338 low-mod households Line 13 would be about 1,169.
- Line 14. 3.33 persons per non-low-mod households time 312 non-low-mod households Line 14 would be about 1,039
- Line 15. Total low-mod persons (1,169) plus total non-low-mod persons (1,039) Line 15 would be about 2,208 estimated total persons.
- Line 16. 1,169 low-mod persons divided by 2,208 total persons yields about .5294. Multiplied by 100, this gives an estimate that about 52.94 percent of the residents have low- and moderate-incomes.

BENEFICIARY PROFILE — (PI and PF Programs) STATE OF MAINE COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM

1.	Community:				
2.	Name of Target Area:	(If community-wide, state "same as above")			
3.	Description of Target Area:				
4.	POPULATION				
	a. Total Population				
	b. Total Low/Moderate Income Persons				
	c. Total Non-Low/Moderate Income Persons				
	d. Total % Low/Moderate Income Persons				
5.	RACE (INDICATE TOTALS)				
	a. White	b. Black/African American			
	c. Asian	d. Native Hawaiian/Other Pacific Islander			
	e. American Indian/Alaskan Native	f. Asian & White			
(g. Am Indian/Alaskan Native & White	h. Black/African American & White			
i	i. American Indian/Alaskan Native & Black/African American				
6.	HOUSEHOLD INFORMATION				
	a. Total Number of Elderly				
	b. Total Number of Severely Disabled				
	c. Total Female Heads of Households				
Da	ate Submitted:				
Αι	uthorized Signature:	Title:			

Instructions for completing the Beneficiary Profile

	s for completing the beneficiary i forme
Line 1	State name of community.
Line 2	Give name of target area; state "same as above if community-wide.
Line 3	Give a brief description of target area.
Line 4a	In regard to a target area; use the survey results to determine the total population in the service area. In regard to the entire Town or City being the target area, use the latest census information.
Line 3b	In regard to a target area; use the survey results to determine the total number of Low/Moderate Income persons in the service area. In regard to the entire Town/City being the target area, use the latest census information.
Line 3c	In regard to a target area; use the survey results to determine the total number of Non-Low/Moderate Income persons in the service area. In regard to the entire Town/City being the target area, use the latest census information.
Line 3d	In regard to a target area; use the survey results to determine the total percent of Low/Moderate Income persons in the service area. In regard to the entire Town/City being the target area, use the latest census information.
Line 5a	In regard to a target area; use the survey results to determine the total number of White, not Hispanic persons in the service area. In regard to the entire Town/City being the target area, use the latest census information.
Line 5b	In regard to a target area; use the survey results to determine the total number of Black/African American persons in the service area. In regard to the entire Town/City being the target area, use the latest census information.
Line 5c	In regard to a target area; use the survey results to determine the total number of Asian persons in the service area. In regard to the entire Town/City being the target area, use the latest census information.
Line 5d	In regard to a target area; use the survey results to determine the total number of Native Hawaiian/Other Pacific Islander persons in the service area. In regard to the entire Town/City being the target area, use the latest census information.
Line 5e	In regard to a target area; use the survey results to determine the total number of American Indian/Alaskan Native in the service area. In regard to the entire Town/City being the target area, use the latest census information.
Line 5f	In regard to a target area; use the survey results to determine the total number of Asian & White persons in the service area. In regard to the entire Town/City being the target area, use the latest census information.
Line 5g	In regard to a target area; use the survey results to determine the total number of American Indian/Alaskan Native & White persons in the service area. In regard to the entire Town/City being the target area, use the latest census information.
Line 5h	In regard to a target area; use the survey results to determine the total number of Black/African American & White persons in the service area. In regard to the entire Town/City being the target area, use the latest census information.
Line 5i	In regard to a target area; use the survey results to determine the total number of American Indian/Alaskan Native & Black/African American persons in the service area. In regard to the entire Town/City being the target area, use the latest census information.
Line 6a	In regard to a target area; use the survey results to determine the total number of Elderly persons in the service area. In regard to the entire Town/City being the target area, use the latest census information.
Line 6b	In regard to a target area; use the survey results to determine the total number of severely disabled persons in the service area. In regard to the entire Town/City being the target area, use the latest census information.
Line 6c	In regard to a target area; use the survey results to determine the total number of Female Heads of Households in the service area. In regard to the entire Town/City being the target area, use the latest census information.

APPENDIX B DISCUSSION OF SAMPLE SIZES

Samples of the sizes suggested in Table B on Page 6 of this paper are intended to provide an estimate of the proportion of households that say they have low- and moderate-incomes that will be with +/- 5 percent of the proportion that all households in the area would indicate if all were interviewed. Thus, if you interviewed 200 randomly selected households from a 250 household neighborhood and 70 percent indicated that they have low- and moderate-incomes, you could reasonably infer that if you interviewed all 350 households that between 65 and 75 percent of the households would say that they had low- and moderate-incomes.

In the survey being discussed in this paper the confidence interval probably will be a little less than +/- 5 percent. The method here is to estimate the proportion of <u>people</u> who are income-eligible, not the proportion of <u>households</u>. Following the procedures outlined here will result in sampling a fraction of people that is approximately equal to the fraction of households that would be sampled by following Table B (number of people sampled/total number of people = number of households sampled/total number of households). Other things being equal, if you increase the size of your universe and maintain the same sampling fraction, your confidence interval decreases.

Of course, in this application, other things may not be equal. By sampling households as a cluster for gathering data on individuals, we are departing from a purely random selection of individuals. Thus, the actual confidence can be calculated only after the data actually are collected and the variance on household size and income are analyzed. The actual confidence interval should be a little less than +/- 5 percent. But we also included an "analysis" section in the paper to help in determining the extent to which it may be less than +/- 5 percent.

SLUM AND BLIGHT

A definition of a slum and blighted area can be found in the MRSA Title 30-A, Chapter 205, 5202. The following definition of a blighted area will serve as a starting point in determining if the proposed area in your community may qualify under this national objective.

- A. An area in which there is a predominance of buildings or improvements which are conducive to ill health, the transmission of disease, infant mortality, juvenile delinquency or crime and are detrimental to the public health, safety, morals or welfare because of: 1) Dilapidation, deterioration, age or obsolescence; 2) inadequate provision of ventilation, light, air, sanitation or open spaces; 3) high density of population or overcrowding; 4) the existence of conditions which endanger life or property by fire and other causes; or 5) any combination of these factors.
- B. An area which is a menace to the public health, safety, morals, or welfare in its present condition because of: 1) the predominance of inadequate street layout, unsanitary or unsafe conditions; 2) tax or special assessment delinquency exceeding the fair value of the land; 3) the existence of conditions which endanger life or property by fire and other causes; or 4) any combination of these factors.

The important thing to remember is that it is necessary to target an **area** to meet this national objective. This area must be defined by the applicant and shown to have contiguous boundaries and interrelated problems causing the **entire area** to be blighted.

In addition to the state definition of blighted area, the HUD rules for CDBG Program activities defines further what conditions must exist for an area to be considered blighted. These conditions are: 1) the local area meets the definition of a blighted area under state or local law; 2) throughout the blighted area there is a **substantial** number of deteriorating buildings or the public improvements are in a **general** state of deterioration; 3) the CDBG activities will address one or more of the conditions which contributed to the deterioration of the area; and 4) records are retained that sufficiently document that a project meets the national objective of addressing slums and blight on an area-wide basis.

Your community must take into consideration **both** the state and CDBG requirements when qualifying a slums/blight area-wide project. First, you should review the State Statute above to make sure the area in question is applicable. Then you should apply the HUD Condition (B) related to **buildings** or **public improvements**. In the case of public improvements, it is insufficient for only one type of public improvement to be in a state of deterioration, the public improvements **taken**, **as a whole** must **clearly exhibit signs of deterioration**. If both the state and HUD requirements seem to apply to your potential CDBG project, the following process should occur with **all materials sent to OCD as part of your Project Development submissions**.

REQUIRED DOCUMENTATION

- 1. Written descriptions of the conditions, which you feel, qualify the area at the time of its designation. This description must be in sufficient detail to demonstrate how the area met all criteria. Also included must be the method by which the area was identified and delineated.
- 2. Support documentation that details the specific conditions that exist in the designated area. This documentation can include, but is not limited to, structural analysis of buildings, engineering

studies, local code enforcement officials, planning board actions, public health and safety concerns, and actions taken by other state or local authorities.

- 3. A detailed map outlining the designated blighted area.
- 4. A Declaration of Slum and Blight enacted by the legislative body of your community. A sample copy of a Declaration of Slum and Blight is attached.

DECLARATION OF SLUM AND BLIGHT

MAINE COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM

it is fieleby fourid and declared.	
property, which constitute a serious and gro	a deteriorating, dilapidated, slum icient public improvements and incompatible uses of wing menace, injurious and inimical to the public health, of the Town/City of
	vn on the attached map and identified e consistent with Maine State Statute 30-A, Chapter 205, e United States Department of Housing and Urban
	h Community Development Block Grant (CDBG) and cordance with all CDBG regulations and Maine State brough 5205.
That the activities to be conducted are designated	gned to eliminate the causes of slum and blight.
The Declaration with attendant documentation of, 20 and is effective from through completion of the CDBG project. AUTHORIZED SIGNATURES	m this day forth until such conditions have been remedied
Name	Date
	Municipal Seal

THIS MATERIAL IS AVAILABLE IN ALTERNATIVE FORMAT UPON REQUEST

CONTACT

ORMAN WHITCOMB, DIRECTOR
OFFICE OF COMMUNITY DEVELOPMENT
111 SEWALL STREET
59 STATE HOUSE STATION
AUGUSTA, MAINE, 04333-0059
TELEPHONE (207) 624-7484
TTY (207) 287-2656

www.meocd.org

